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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Patent application of

Feng Qian

For: **FRAME MATCHING METHOD**

Serial No.: 09/687,700

Filed: 12 OCT 2000

Atty. Docket No.: 00-285

) Examiner: **Man U. Phan**

) Group Art Unit: 2665

) Attorney Ref. No.: 52507-00032

) US Patent No. 6,891,853 B1

) Express Mail Label #EV728002725US

REQUEST FOR REPRINT OF NON-RECEIVED PATENT

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Commissioner for Patents

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Dear Sir:

Applicants hereby request that U.S. Patent No. 6,891,853 B1, issued May 10, 2005 be reprinted due to the fact that the original ribbon copy was never received by Howard Chen of Preston Gates & Ellis LLP.

The Declaration of Patricia Wiggins is attached hereto.

A Revocation Power of Attorney was filed on November 7, 2003. A Change of Correspondence Address was filed on March 4, 2005. Please mail reprinted U.S. Patent No. 6,891,853 B1 to Howard Chen at the Preston Gates & Ellis LLP address listed below.

No fee is calculated to be due. However, authorization is given on the enclosed Fee Transmittal to charge any fees that may be due for the filing of this Request.

Respectfully submitted,

Ting-Mao Chao, Ltd. Recognition L0119
Attorneys for Applicant

Preston Gates & Ellis LLP
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Facsimile: (415) 882-8220

OCT 11 2005



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DECLARATION OF PATRICIA WIGGINS

I, PATRICIA WIGGINS, hereby declare that:

I am employed in the County of San Francisco, State of California as a paralegal at the law firm of Preston Gates & Ellis LLP. My direct supervisor is Howard Chen, Esq. I am over the age of 18 and not a party to the subject patent; my business address is 55 Second Street, Suite 1700, San Francisco, CA 94105.

As of September 28, 2005, I have not received Original Letters U.S. Patent 6,891,853 B1 issued on May 10, 2005.

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Attorney Docket No.: 52507-00032

ordinary course of the business day, such mail is deposited onto my desk for review and docketing. I am unaware of any document bearing U.S. Patent 6,891,853 B1 being received in the Preston Gates & Ellis LLP mail room or being deposited on my desk.

I have attached hereto miscellaneous printouts from the USPTO PAIR system. One printout shows that although the correspondence address of record is Duane Morris LLP, the attorney of record on the issued patent is Preston Gates & Ellis LLP.

I/we hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001.

Dated: 9/29/2005

Patricia Wiggins
Patricia Wiggins

OCT 11 2005



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Application Data Transaction History Image File Wrapper Patent Term Adjustments Published Documents Fees Address & Attorney/Agent

Correspondence Address

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24422	LYNCH, EDWARD	415-371-2200
44615	CHUA, POH	703-770-7900

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FRAME MATCHING METHOD

Application Transaction History Image File Wrapper Patent Term Adjustments Published Documents Fees Address & Attorney/Agent

Date	Contents Description
05-10-2005	Recordation of Patent Grant Mailed
04-20-2005	Issue Notification Mailed
05-10-2005	Patent Issue Date Used in PTA Calculation
04-11-2005	Receipt into Pubs
04-08-2005	Dispatch to FDC
04-08-2005	Application Is Considered Ready for Issue
03-16-2005	Issue Fee Payment Verified
04-06-2005	Receipt into Pubs
03-16-2005	Issue Fee Payment Received
02-01-2005	Workflow - File Sent to Contractor
01-12-2005	Mail Notice of Allowance
01-10-2005	Issue Revision Completed
01-10-2005	Notice of Allowance Data Verification Completed
11-03-2004	IFW TSS Processing by Tech Center Complete

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11-03-2004	Date Forwarded to Examiner
08-16-2004	Response after Ex Parte Quayle Action
08-16-2004	Request for Extension of Time - Granted
08-16-2004	Workflow incoming amendment IFW
05-24-2004	Mail Ex Parte Quayle Action (PTOL - 326)
05-21-2004	Ex Parte Quayle Action
04-23-2004	Correspondence Address Change
04-23-2004	Change in Power of Attorney (May Include Associate POA)
01-06-2004	Case Docketed to Examiner in GAU
03-12-2002	Case Docketed to Examiner in GAU
01-25-2002	Substitute Specification Filed
08-02-2001	Miscellaneous Incoming Letter
06-12-2001	Case Docketed to Examiner in GAU
11-16-2000	Application Dispatched from OIPE
11-15-2000	Correspondence Address Change
10-31-2000	IFW Scan & PACR Auto Security Review
10-12-2000	Initial Exam Team nn

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09/687,700 FRAME MATCHING METHOD

Application Data	Transaction History	Image File Wrapper	Patent Term Adjustments	Published Documents	Fees	Address & Attorney/Agent
Application Number:	09/687,700	Customer Number:	-			
Filing or 371 (c) Date:	10-12-2000	Status:	Patented Case			
Application Type:	Utility	Status Date:	04-20-2005			
Examiner Name:	PHAN, MAN U	Location:	ELECTRONIC			
Group Art Unit:	2665	Location Date:	-			
Confirmation Number:	8511	Earliest Publication No:	-			
Attorney Docket Number:	00-285	Earliest Publication Date:	-			
Class / Subclass:	370/468	Patent Number:	6,891,853			
First Named Inventor:	Feng Qian , Mission Viejo, CA	Issue Date of Patent:	05-10-2005			
Title of Invention:	FRAME MATCHING METHOD					

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US006891853B1

(12) **United States Patent**
Qian

(10) Patent No.: **US 6,891,853 B1**
(45) Date of Patent: **May 10, 2005**

(54) **FRAME MATCHING METHOD**

(75) Inventor: **Feng Qian**, Mission Viejo, CA (US)

(73) Assignee: **VIA Telecom Co., Ltd.**, San Diego, CA (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 921 days.

(21) Appl. No.: **09/687,700**

(22) Filed: **Oct. 12, 2000**

(51) Int. Cl.⁷ **H04J 3/07; H04J 3/12; H03M 13/03**

(52) U.S. Cl. **370/468; 370/505; 370/523; 714/790**

(58) Field of Search **370/454-468, 370/505-523; 375/295-372, 262, 265; 714/786-790, 775, 794, 795**

(56) **References Cited**

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* cited by examiner

Primary Examiner—Man U. Phan

(74) *Attorney, Agent, or Firm*—Howard Chen; Preston Gates & Ellis LLP

(57) **ABSTRACT**

A frame of digital data with L symbols is matched to a frame with N symbols by making that number of copies of the original L symbols that results in N symbols. In particular, $M = \text{floor}(N/L)$ is computed. $L2 = N - ML$ is computed. ($L1 = L - L2$ where L1 and L2 solve the simultaneous equations $L1 + L2 = L$ and $L1 * M + L2 * (M + 1) = N$). The frame is effectively divided into two mutually exclusive groups of symbols; one group (consisting of L1 symbols) is copied M times and the other group (consisting of L2 symbols) is copied M+1 times.

6 Claims, 2 Drawing Sheets

